

# BUILDERS' GUIDE

**W**HETHER you are contemplating the erection of a chicken house or a business block, a bungalow, or an apartment house, the time to build is NOW. It's the concensus of opinion among material men throughout the country that owing to economic conditions, labor unrest and the railway strike, the cost of building material both in hardware and lumber, as well as brick and cement, will not be less than at present for some time to come and that any day may see the end of the comparatively low prices, with a sharp advance in all lines. TAKE THE EXPERT ADVICE OF THE ADVERTISERS ON THIS PAGE AND BUILD NOW.

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## BEST MATERIAL FOR HOME ROOFS HERE

Wide Range of Suitable Substances Found In Sou. California

The "roof over our heads" symbolizes the home instinct of all peoples at all times. It completes the shelter which is indispensable to all existence and the comforts of man.

The types of architecture has great weight in the selection of roofing materials.

The architect and home builder of today is not concerned as to the kind of roof shelter our ancestors had, as it helps but little in today's selection of roof covering.

The determining factor connecting the past with the present is the availability of suitable materials.

Southern California is well supplied with material at reasonable cost suitable for roofs, the most common being shingles, tile, slate, composition and asbestos shingles.

In the past the shingle has been the most widely used on account of the cost and availability, the western red cedar of the Pacific Northwest producing about 80 per cent of the shingles used.

White cedar shingles are used on the higher class of work on account of taking light colored stain as their natural weathering qualities.

Shingles are undoubtedly the cheapest roof covering, but on account of the fire hazard they should be treated in some manner to make them fire-resisting.

Composition roofing has a wide range of uses, being used for covering from the smallest bungalow to the skyscraper. Many pleasing effects have been had on the bungalows by using a composition roof and then covering it with crushed brick or gravel.

The owner should insist upon a good grade of composition roofing made of felt and asphalt. Roofing papers containing large quantities of wood pulp do not make a serviceable roofing material.

All composition roofs should have a dry sheet under them to prevent the asphalt from dripping through in hot weather, thereby staining the plastering.

Tile for roofing is used in practically every type of architecture from the smallest dwelling to the palatial mansion. California is very fortunate in having large clay deposits, enabling the manufacture of tiles in many shades of color ranging from light to drak red, gray, golden bronze and bluish in the unglazed, and soft tones of green in glazed tile.

## Asphaltum Roofs Evolved Here

Manufacture and application of composition roofing are identified with the early history of the City of Los Angeles in an interesting and important manner.

It seems, in the days when Los Angeles was a sleepy little peubic of a few thousands, the long, dry summer would crack the flat adobe roofs so that the autumnal rains would cause much damage and annoyance.

So an early Californian, one Salcido, would be dispatched to what were known as the Brea pits, way out in the country.

Bringing in a few buckets of this asphaltic fluid, he would cement the cracks in the adobe and thus keep the winter rains out.

So, you see, to Senior Salcido, the early forerunner of the modern roofing establishment, goes the credit of making possible the Los Angeles that we know and live in.

Today the making and applying of substantial composition roofs comprise one of the important industries of California and particularly Los Angeles.

The result of many years' study and investmnet, the modern composition roofing, when well applied by capable reliable concerns, is economically a genuine success.

It is inexpensive, cool in summer and warm in winter, dust proof and fire retardant.

## Cost of Materials Is Due to Climb

Prices of common brick lime, Douglas fir and other essential building materials have increased, while the cost of other products has decreased in the United States since May, according to the department of commerce at Washington, which supplies the following figures, taking the corresponding prices of 1913 as a basis and using 100 as an index of comparison:

	May	September
Common brick	176.8	185.5
Lime	210.0	212.3
Douglas fir	146.6	157.5
Gravel	181.1	175.0
Hollow tile	128.3	116.0
Cement	148.7	158.3
Steel bars	116.3	119.9
Wire nails	137.5	137.8
Structural steel	105.9	109.2
Hemlock	160.0	168.4
Pine lath	148.3	168.4
Shingles	164.7	179.0
White oak	179.0	199.8
Yellow pine	184.4	196.3
Window glass	154.0	154.0
White lead	181.2	184.9

## CASTLE APARTMENTS

Mr. and Mrs. A. F. Powell, of Torrance Park have moved to Los Angeles.

Mr. and Mrs. H. E. Paige and daughter, were Long Beach visitors Sunday.

Mr. and Mrs. J. G. Gay and sons were Sunday guests of Mrs. Underwood of Boyle Heights.

Mrs. E. H. Allen and Mrs. W. F. Thomas were luncheon guests of Mrs. Lucile Welch in Los Angeles Saturday.

Mrs. Hattie M. Coker and children at the Ye Bonnie Box Cafe arrived Tuesday from Salt Lake City, where they visited relatives for a month.

Mr. and Mrs. David Finley with Mr. and Mrs. Ben Finley, of Montana arrived last week-end, and are visiting their aunt and uncle, Mr. and Mrs. E. H. Allen of the Castle Apartments. They all enjoyed Sunday at Manhattan and Hermosa Beach.

Mr. and Mrs. R. N. Smith, the new proprietors of the cafe in the Steffin block, moved Monday from the Brighton apartments to Grammeey avenue, into the house recently vacated by Mr. and Mrs. John Young.

John Holm, contractor with three of his carpenters returned last week from a two-weeks' fishing trip up the coast as far as San Francisco.

Miss Edna Davis was a week-end guest of her sister and husband, Mr. and Mrs. Harold Doss, in Los Angeles.

Mrs. C. H. Mueller and Mrs. George D. Watson attended the banquet given by the Conductresses of the O. E. S. to the Associate Matrons at Beverly Hills Hotel, Friday.

Miss Viola McKay, of Douglas, Arizona, is passing a couple of weeks with Mrs. Willis Brooks of 214th street. Miss McKay is city clerk and treasurer of Douglas.

From Tree To Consumer

**"Ask Your Neighbor"**

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## Bricklaying In Public Schools

Recently the Los Angeles School Board decided to introduce a vocational training course in bricklaying in the public schools, says the Builders' Exchange Bulletin.

The course is now in progress at the Polytechnic High and many enthusiastic applicants are lined up and ready to go.

The instructor, Charles Eberling, is highly skilled in the profession, having had a number of years of experience in every phase of masonic construction.

The Los Angeles Chamber of Commerce and the National Brick Manufacturers' Association are behind the movement.

There's food for very serious thought—and incentive to action—in the fact that there were in 1920 38,138 less bricklayers and stonemasons in the whole country than in 1910; a 23.6 per cent decrease, the totals being 169,402 in 1910 and 131,264 in 1920.

We used to say of some girls that "they put everything on their backs." But we can't say it the way they dress now.

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Saving depends more on disposition than on deprivation.

It is not easy for a man to become a hard drinker on soft beverages.

One reason why America doesn't think much about war is because it can always work off its surplus steam by monkeying with the tariff.

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